IFW.

PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

APR 2 5 2005

FRANK P. UCKERT ET. AL.

CASE NO.: PE0667USDIV2

APPLICATION NO.: 10/809,169

CONFIRMATION NO.: 6828

GROUP ART UNIT: 1714

EXAMINER: UNKNOWN

FILED: March 25, 2004

FOR: ELECTROACTIVE FLUORENE COPOLYMERS AND DEVICES MADE

WITH SUCH POLYMERS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. §§1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office the information listed on the enclosed PTO/SB/08A and/or PTO/SB/08B forms. A copy of the information, if required, is also enclosed. Consideration of the information is requested under 37 C.F.R. § 1.56 and this information is submitted in accord with the provisions of §1.97(b): within three months of filing the national application under 37 C.F.R. §1.53(d), or entry into the national stage under 37 C.F.R. §1.491, or before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action on the merits after filing a Request for Continued Examination under 37 C.F.R. §1.114.

If this Information Disclosure Statement is filed under §1.97(b) but the mailing date hereof is after the mailing of a first Office Action on the merits, the PTO is requested to consider this information accord with the provisions of §1.97(c): after the period specified in §1.97(b) but before the mailing of a Final Office Action, or a Notice of Allowance, or any other action that closes prosecution; in combination with the certification under subsection (e)(1) below.

Application No.: 10/809,169 Docket No.: PE0667USDIV2

I certify that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

MARY ANN CAPRIA
Attorney for Applicants Registration No.: 32,659 Telephone: (302) 992-3749

Facsimile: (302) 892-7949

PTO/SB/08A (08-03) Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number

ubstitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MARCH 25, 2004 Filing Date First Named Inventor FRANK P. UCKERT Group Art Unit 1714

10/809,169

(use as many sheets as necessary)

UNKNOWN **Examiner Name** PE0667US DIV2 of Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1		cument Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US -	5,777,070 A	07-07-1998	Inbasekaran et al.	
		US -	5,807,974 A	09-15-1998	Kim et al.	
		US -	5,876,864 A	03-02-1999	Kim et al.	
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		ŲS -				
		US -				
		US -				
		US -				
		US -				
		US -				
	-	US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
		CountryCode ³ Number ⁴ Kind Code ⁵ (if known)			Figures Appear	T ₆	
		WO 01/77203 A2	10-18-2001	Uniax Corporation			
		WO 02/066537 A1	08-29-2002	Cambridge Display Techn			
		WO 01/81294 A1	11-01-2001	Sony International GmbH			
		WO 01/42331 A1	06-14-2001	Cambridge Display Tech & Max Planck Inst for Poly			
		WO 00/46321 A1	08-10-2000	The Dow Chemical Co.			
		WO 00/22027 A1	04-20-2000	Axiva GmbH			
		WO 99/54385 A1	10-28-1999	The Dow Chemical Co.			
		WO 00/53656 A1	09-14-2000	Cambridge Display Techn			
		WO 00/55927 A1	09-21-2000	Cambridge Display Techn			

Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.com/www.uspto.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a better by the public which is to life (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	2 5 201 Under the	Jan 1	of 1995, no	persons are requi		PTO/SB/08b (08-03) Approved for use through 06/30/2006. OMB 0651-0031 d Trademark Office; U.S. DEPARTMENT OF COMMERCE information unless it contains a valid OMB control number.
XE	BADBIA	form 1449B/PTO				Complete if Known
					Application Number	10/809,169
	NFOF	RMATION DI	SCLO	SURE	Filing Date	March 25, 2004
STATEMENT BY APPLICANT					First Named Inventor	Frank P. Uckert Et. Al.
					Art Unit	1714
		(Use as many sheets as	necessary)	Examiner Name	Unknown
S	heet	2	of	2	Attorney Docket Number	PE0667USDIV2

						
		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		KOREAN PATENT ABSTRACTS, KR 00245841 B1, Fluorene-Based Alternating-Statistical Copolymer Containing Multi-Luminescence Groups and Electroluminescence Device Using The Copolymer, 12-01-1999, Korea Institute of Science and Technology				
	·	KREYENSCHMIDT M. et al., Thermally Stable Blue-Light-Emitting Copolymers of Poly(alkylfluorene), Macromolecules, 1998, 1099-1103, 31, American Chemical Society				
		LEE, JEONG-IK et al., Light-emitting electrochemical cells based on poly(9,9-bis(3,6-dioxaheptyl)-fluorene-2,7-diyl), Synthetic Metals, 2000, 195-197, 111-112, Elsevier Science S.A.				
		·				

-						
Examiner Signature		Date Considered				

*EXAMINER: Initial if reference considered, whether or not citation Is in conformance with MPEP 609. Draw line through citation if not in conformance and not

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/92 (09-04)
Approved for use through 07/31/2006. OMB 0561-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on	1-pril 21, 2005	
	Siane V	n. Dick
	Signatu	re
	DIANE M	. DICK
	Typed or printed name of	of person signing Certificate
		302-892-7757
•	Registration Number, if applicable	Telelphone Number
lote: Each	paper must have its own certificate of mailing, or	this certificate must identify each submitted paper.
0/809,169		
E0667USE	DIV2	

INFORMATION DISCLOSURE STATEMENT